

Notice of Allowability

Application No.

10/017,997

Examiner

Benjamin R. Bruckart

Applicant(s)

BAI ET AL.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the interview on 3-7-06.
2. ☒ The allowed claim(s) is/are 17-18, 21-22, 25, 27-31, 33, 48-49, 56-58 renumbered to claims 1-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 20051020, 20050506
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20060307.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


SALEH NAJJAR
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview and email with John D. Henkhaus on 3/7/2006.

The application has been amended as follows:

In the claims:

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56. (currently amended) A method for improving communication among a plurality of parties providing distribution services, over a network, for content that is cached at a plurality of locations, comprising:

a cooperative organization allowing a content publisher to monitor access to content provided by the content publisher, wherein the content resides in distributed caches not controlled by the content publisher, by

providing, via a cooperative gateway server managed by the cooperative organization, to each content publisher of a plurality of content publishers, respective activity records having information about each respective request for access to the cached content provided by that content publisher, wherein the information is collected and aggregated [[by]] at the cooperative [[organization]] gateway server according to which content publisher provided the content associated with the information; wherein the information is received at respective gateways to respective network access provider networks;
wherein the information is received at said respective gateways from corresponding servers that serve the content from different locations on the network; and

wherein members of the cooperative organization include (a) a telecommunications carrier, (b) a distribution network owner that caches content at locations distributed across the network for serving to requestors, and (c) a hosting provider that hosts content for one or more of the plurality of content publishers.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Independent Claims 17, 48 and 56 (renumbered to claims 1, 14 and 16) among other things teach the limitations “in response to requests from a first and second network access providers for particular content server from server caches at different locations, creating activity records corresponding to the requests; sending sets of the activity records to a gateway, the gateway receives the sets of activity records containing statistics about requests for content residing in the distributed caches from the first and second network access providers and forwards the sets of activity records to a cooperative gateway server managed by a cooperative of the network service providers, wherein the cooperative of network service providers comprises (a) network access providers, (b) distribution network owners associated with the first and second servers, and (c) content hosting providers associated with content publishers; the cooperative gateway server collating the set of activity records based on which content publisher provided the content associated with each record; forwarding the collated activity records to respective content hosting providers associated with respective content publishers; and providing to each of a plurality of content publishers whose content is distributed in the various caches, statistics based on activity records so that the content publishers can monitor the overall number of access to their respective content regardless of the content cache location” in a network computing environment for managing distributed content caches. The further dependent claims claim creating an activity log comprising statistics corresponding only to content provided by specific content publisher of the plurality of content publishers and demographic and geographic information.

The prior art does not teach the cited limitation.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CORRESPONDANCE INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin R Bruckart whose telephone number 571-272-3982.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone numbers for the organization where this application or proceeding is assigned are (571) 273-8300 for regular communications and after final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the examiner whose telephone number is 571-272-3982.

Benjamin R Bruckart
Examiner
Art Unit 2155

brb


SALEH NAJJAR
SUPERVISORY PATENT EXAMINER